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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Oleynikov et al.

Serial No.: 10/616,096

Filed:

July 8, 2003

For:

MICROROBOT FOR

SURGICAL APPLICATIONS

Group Art Unit: 2837

Confirmation No.: 9525

Examiner:

Unknown

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5/13/04

Sarah J. Brashears

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While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-SB08B.

While we believe that no fee is due, if the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge

this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/UNMC/0006/SB).

Respectfully submitted,

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|--|--|
| Application Number                           | 10/616,096   |
| Filing Date                                  | July 8, 2003   |
| First Named Inventor                         | Oleynikov et al.   |
| Group Art Unit                               | 2837   |
| Examiner Name                                | Unknown  |
| Attorney Docket Number                       | UNMC/0006  |
| Submission Date                              | 5/13/04  |

| NON PATENT LITERATURE DOCUMENTS        |                          |  |                |
|--|--------------------------|--|----------------|
| Examiner<br>Initials*                  | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published                   | T <sup>2</sup> |
|  | 1                        | Thomann, G. et al. "The Design of a new type of Micro Robot for the Intestinal Inspection." Proceedings of the 2002 IEEE/RSJ Intl. Conference on Intelligent Robots and Systems EPFL. October 2002: 1385-1390.   |                |
|  | 2                        | Guo, Shuxiang et al. "Fish-like Underwater Microrobot with 3 DOF." Proceedings of the 2002 IEEE International Conference on Robotics & Automation. May 2002:   |                |
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|  | 3                        | Fukuda, Toshio et al. "Mechanism and Swimming Experiment of Micro Mobile Robot in Water." Proceedings of the 1994 IEEE International Conference on Robotics and Automation. 1994: 814-819.   |                |
|  | 4                        | Guo, Shuxiang et al. "Micro Active Guide Wire Catheter System-Characteristic Evaluation, Electrical Model and Operability Evaluation of Micro Active Catheter." <u>Proceedings of the 1996 IEEE International Conference on Robotics and Automation</u> . April 1996: 2226-2231. |                |
|  | 5                        | Yu, Sun et al. "Microrobotic Cell Injection." Proceedings of the 2001 IEEE International Conference on Robotics & Automation. May 2001: 620-625.   |                |
|  | 6                        | Ruurda, JP et al. "Robot-assisted surgical systems: a new era in laparoscopic surgery." Ann. R. Coll. Surg. Engl. 2002, 84: 223-226.   | , 4, ,,        |
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|  | 8                        | Ishiyama, K. et al. "Spiral-type Micro-machine for Medical Applications." 2000 International Symposium on Micromechatronics and Human Science. 2000: 65-69.  |                |
|  | 9                        | Fearing, R. S. et al. "Wing Transmission for a Micromechanical Flying Insect." <u>Proceedings of the 2000 IEEE International Conference on Robotics &amp; Automation</u> . April 2000: 1509-1516.  |                |
|  | 10                       | Mei, Tao et al. "Wireless Drive and Control of a Swimming Microrobot."  Proceedings of the 2002 IEEE International Conference on Robotics & Automation. May 2002: 1131-1136.   |                |

Examiner **Date Considered** 

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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